

## Application Data Sheet

### Application Information

Application number::

Filing Date::

Application Type::

Regular

Subject Matter::

Utility

Title ::

Attorney Docket Number::

0756-7282

Total Drawing Sheets::

13

Small Entity?::

No

### Applicant Information

Applicant Authority Type::

Inventor

Primary Citizenship Country::

Japan

Given Name::

Jun

Middle Name::

Family Name::

KOYAMA

Name Suffix::

City of Residence::

Sagamihara

State or Province of Residence::

Kanagawa

Country of Residence::

Japan

Street of mailing address::

c/o Semiconductor Energy  
Laboratory Co., Ltd.

398, Hase

City of mailing address::

Atsugi-shi

State or Province of mailing address::

Kanagawa-ken

Country of mailing address::

Japan

Postal or Zip Code of mailing address:: 243-0036

Applicant Authority Type:: Inventor

Primary Citizenship Country:: Japan

Given Name:: Hiroyuki

Middle Name::

Family Name:: MIYAKE

Name Suffix::

City of Residence:: Atsugi

State or Province of Residence:: Kanagawa

Country of Residence:: Japan

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398, Hase

City of mailing address:: Atsugi-shi

State or Province of mailing address:: Kanagawa-ken

Country of mailing address:: Japan

Postal or Zip Code of mailing address:: 243-0036

Applicant Authority Type:: Inventor

Primary Citizenship Country:: Japan

Given Name:: Kei

Middle Name::

Family Name:: TAKAHASHI

Name Suffix::

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State or Province of Residence:: Kanagawa

Country of Residence:: Japan

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State or Province of mailing address::	Kanagawa-ken
Country of mailing address::	Japan
Postal or Zip Code of mailing address::	243-0036
Applicant Authority Type::	Inventor
Primary Citizenship Country::	Japan
Given Name::	Kazuhiko
Middle Name::	
Family Name::	MIYATA
Name Suffix::	
City of Residence::	Habikino
State or Province of Residence::	Osaka
Country of Residence::	Japan
Street of mailing address::	c/o Sharp Kabushiki Kaisha 22-22, Nagaike-cho, Abeno-ku
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State or Province of mailing address::	Osaka
Country of mailing address::	Japan
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## Correspondence Information

Correspondence Customer Number ::	31780
E-Mail address::	erobinson@riplo.com

## Representative Information

Representative Customer Number:: 31780

## Domestic Priority Information

Application ::	Continuity Type::	Parent Application::	Parent Filing Date::

## Foreign Priority Information

Country::	Application number::	Filing Date::	Priority Claimed::
Japan	2003-108667	04/14/2003	Yes

## Assignee Information

Assignee name:: Semiconductor Energy  
Laboratory Co., Ltd.  
Street of mailing address:: 398 Hase  
City of mailing address:: Atsugi-shi  
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Country of mailing address:: Japan  
Postal or Zip Code of mailing address:: 243-0036

Assignee name:: Sharp Kabushiki Kaisha  
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